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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/537,773	03/29/2000	Yoshifumi Shibata	15162/01740	7266

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EXAMINER

PATEL, NITIN

ART UNIT

PAPER NUMBER

2673

DATE MAILED: 06/17/2003

15

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/537,773

Applicant(s)

SHIBATA ET AL.

Examiner

Nitin Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 January 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) 2,3 and 7 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1,4 and 5 is/are allowed.
- 6) ☒ Claim(s) 6,11 and 13-16 is/are rejected.
- 7) ☒ Claim(s) 8-10,12 and 17 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Claims 1,4,5 are allowed from previous action paper number 12. Claims 2,3,7 have been cancelled.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 6,16 is rejected under 35 U.S.C. 102(e) as being anticipated by Shimizu et al., (U.S. Patent No. 5,754,160).

As per claims 6,16 Shimizu shows an information display(element 1In Fig.1):

A display having a first and second display with scan electrodes and data electrodes (In Fig.6); the first and second display area driven by a separate driving method (In fig.6 element 32,33,33a) and first driving method and second driving method are different from each other in that a waveform applied to a selected one of scan electrodes of the first and second display area different from a waveform applied to selected one of scan electrodes of the second display area (In fig.5, 9,11).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 11,13,14,16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu et al., (U.S. Patent No. 5,754,160) in view of Ferguson (US 202/0075202).

As per claims 11,13,16 Shimizu shows a first second display device having displaying method (In Fig.5, 6) and display is different type of from the second display (In Col.3 lines 10-15, animation display and still image). Shimizu does not show a reflective display. Ferguson shows a reflective display. It would have been obvious to one of ordinary skill in the art, at the time of the invention was made to allow the teaching of Ferguson's into display device of Shimizu because it would have enhanced the display device and switch the dynamic operation of the image developing.

As per claim 14, Shimizu shows first and second display overlaps each other (In Fig.8, 10,9,11).

6. Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over Shimizu et al., (U.S. Patent No. 5,754,160) in view of Ferguson (US 202/0075202) and in further view of Dao et al., (U.S. patent No. 5,049,862).

As per claim 15, Shimizu shows a first second display device having displaying method (In Fig.5, 6) and display is different type of from the second display (In Col.3 lines 10-15, animation display and still image). Shimizu does not show a reflective

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display. Ferguson shows a reflective display. It would have been obvious to one of ordinary skill in the art, at the time of the invention was made to allow the teaching of Ferguson's into display device of Shimizu because it would have enhanced the display device and switch the dynamic operation of the image developing. Both display system of Shimizu does not show a detachable display; Dao shows a detachable display (In Fig.1). It would have been obvious to one of ordinary skill in that art, at the time of the invention was made to allow the teaching of Dao's into combined system of Shimizu's because it would have allowed the user to hold computer by one hand and other display to write on it.

Allowable Subject Matter

7. Claims 8-10,12,17 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art fails to teach or suggest a first display with a first contrast and a second display with a second a contrast and images with a three or more tones and second display with two tones and with different dot size as claimed in claims 8-10.

The prior art fails to teach or suggest a display area of second display is larger than that of first display as claimed in claim 12.

The prior art fails to teach or suggest the first display and second display are respectively for displaying a first color and a second color that is different from the first color as claimed in claim 17.

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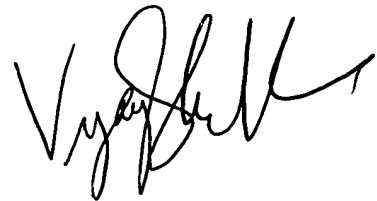
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 703-308-7024. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin H Shalwala can be reached on 703-305-4938. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9314 for regular communications and 703-308-9052 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9618.

NP
June 2, 2003

A handwritten signature in black ink, appearing to read 'Vijay Shankar', with a stylized flourish at the end.

**VIJAY SHANKAR
PRIMARY EXAMINER**